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Complete If Known				
Application Number	JAN 10/602 764			
Filing Date	June 25, 2003			
First Named Inventor	Kanaya et al.			
Group Art Unit	IBA ZOZO			
Examiner Name	TBA Pert			
Attorney Dockel Number	002372.00043			

U.S. PATENT DOCUMENTS					
	U.S. Patent Document	Name of Patantae or Applicant	Date of Publication of	Pages, Columns, Lines, Where Relevant	
Examiner Cite No.	Number Kind Code ² (if known)	of Cited Document	Cited Document ADM-DD-YYYY	Pessages or Relevent Figures Appear	
96	5,185,689	MANIAR	02-09-1993		
61	6,242,299	HICKERT	08-05-2001		
87	6,318,801	AMANUMĄ	11-13-2001		
			-		

·				FORE	GN PATENT DOCUM	ĖNTS		
		Foreign Patent Document					Pages, Columns,	Ţ.
Exeminer Initials*	lists No. Office Number Code (# Document Number known)	Date of Publication of Cited Document MM- DD-YYYY	d Document MM- Relevant Passages					
EF		wo	009735341		Hitachi Ltd.	09-25-1997		Abstr
م ح		JР	04-102367	<u> </u>	Seiko Epson Corp.	04-03-1992		Abstr
6/3		JP	06-013346		Selko Epson Corp.	01-21-1994		Abstr
70		JP	06-209113		Ramtron Intl. Corp.	07-26-1994		Abst
50		JP	07-111318		Olympus Optical Co. Ltd.	04-25-1995		Abst
80		. JP	09-331031		NEC Corp.	12-22-1997		Abst
5		JP	10-012830		Sony Corp.	01-16-1998		Abst
SP		JP	10-275897		Toshiba Corp.	10-13-1998		Abst
SP	<u>. </u>	JP	11-017124	Щ.	Toshiba Corp.	01-22-1999		Abst
50		JP	7-111318			4/1995		
P		JP	7-273297			10/1995		
ΣP		JP	8-335673			12/1996		
20		JP	9-331031			12/1997		
ZP.		JP	10-116965			5/1998		
520		JP	10-255483			9/1998		

Examiner Signature	ERNG.	Date Considered	Z-6-05

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